

IN THE ABSTRACT

Please replace the present abstract with the following:

ABSTRACT OF THE DISCLOSURE

A method for dynamic allocation of computing tasks includes requesting a computing task by a client; receiving the computing task by a first distributor server set; redirecting the computing task to a second distributor server set, the second distributor server set including a first server; and allocating the computing task from the first server to a second server that executes the computing task, where the allocation is based on matching an attribute of the second server to an attribute of the computing task. The preferred embodiments enable a client to distribute its computing tasks to a suitable fulfillment server that has all the required client attributes, computing task attributes, and server attributes. This enables distribution of a computing task according to various attributes of a user, a server, and the computing task. The system is scalable as additional sets of distributor servers can be added to manage the fulfillment servers. In addition, new distributor servers can be added to manage pre-existing distributor servers. Also, the distributor servers can be programmed to consider various attributes according to the usage of the system. In an alternative embodiment, the system can be used to parse a highly intense computing task into components and distribute said components to fulfillment servers that have idle computing power.